



National Aeronautics and
Space Administration
Washington, DC 20546

Procurement Notice

PN 04-21
February 1, 2007

RESEARCH & DEVELOPMENT CONTRACT REPORTING

BACKGROUND: This PN revises the NASA FAR Supplement (NFS) to establish a reporting requirement for contracts awarded predominantly with research and development (R&D) funds. Section 207 of the E-Government Act of 2002 requires the Office of Management and Budget (OMB) to ensure the development and maintenance of a repository that fully integrates information about R&D funded by the Federal Government. The E-Government Act also requires agencies to provide information to the repository as directed by OMB.

This PN also makes an administrative change to NFS 1804.202 to correct the address for the Center for AeroSpace Information.

ACQUISITIONS AFFECTED BY CHANGES: None.

ACTION REQUIRED BY CONTRACTING OFFICERS: NASA Contracting officers shall enter a summary of work to be performed under each R&D contract in the Contract Management Module (CMM) for reporting to FPDS-NG. Contracting officers shall insert in the description field on the text tab in CMM a minimum of 300 words summarizing the statement of work for the R&D contract action being awarded.

CLAUSE CHANGES: None.

PARTS AFFECTED: Parts 1804 and 1835.

REPLACEMENT PAGES: You may use the enclosed pages to replace 4:3, 4:4, and Part 1835 of the NFS.

TYPE OF RULE AND PUBLICATION DATE: This change does not have a significant impact beyond the internal operating procedures of NASA and does not have a significant cost or administrative impact on contractors or offerors, and therefore does not require codification in the Code of Federal Regulations (CFR) or publication for public comment.

HEADQUARTERS CONTACT: Jamiel Commodore, Contract Management Division, (202) 358-0302, e-mail: jamiel.c.commodore@nasa.gov.

//s//

Tom Luedtke
Assistant Administrator for Procurement

Enclosures

DISTRIBUTION LIST:
PN List

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1804.170 Contract effective date.

(a) "**Contract effective date**" means the date agreed upon by the parties for beginning the period of performance under the contract. In no case shall the effective date precede the date on which the contracting officer or designated higher approval authority signs the document.

(b) Costs incurred before the contract effective date are unallowable unless they qualify as precontract costs (see FAR 31.205-32) and the clause prescribed at 1831.205-70 is used.

Subpart 1804.2--Contract Distribution**1804.202 Agency distribution requirements.**

In addition to the requirements in FAR 4.201, the contracting officer shall distribute one copy of each R&D contract, including the Statement of Work, to the NASA Center for AeroSpace Information (CASI), Attention: Acquisitions Collections Development Specialist, 7115 Standard Drive, Hanover, MD 21076-1320.

1804.203 Taxpayer identification information.

Instead of using the last page of the contract to provide the information listed in FAR 4.203, NASA installations may allow contracting officers to use a different distribution method, such as annotating the cover page of the payment office copy of the contract.

Subpart 1804.4--Safeguarding Classified Information Within Industry**1804.402 General.**

(b) NASA security policies and procedures are prescribed in NPD 1600.2A, NASA Security Policy; NPR 1620.1, Security Procedural Requirements; NPR 2810.1 and NPD 2810.1 Security of Information Technology.

1804.404-70 Contract clause.

The contracting officer shall insert the clause at 1852.204-75, Security Classification Requirements, in solicitations and contracts if work to be performed will require security clearances. This clause may be modified to add instructions for obtaining security clearances and access to security areas that are applicable to the particular acquisition and installation.

1804.470 Security requirements for unclassified information technology resources.**1804.470-1 Scope.**

This section implements NASA's acquisition-related aspects of Federal policies for assuring the security of unclassified automated information resources. Federal policies include, but are not limited to, the Computer Security Act of 1987 (40 U.S.C. 1441 et seq.), the Clinger-Cohen Act of 1996 (40 U.S.C. 1401 et seq.), Public Law 106-398, section 1061, Government Information Security Reform, OMB Circular A-130, Management of Federal Information Resources, and the National Institute of Standards and Technology security guidance and standards.

1804.470-2 Policy.

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(a) NASA policies and procedures on security for automated information technology are prescribed in NPD 2810.1, Security of Information Technology, and in NPR 2810.1, Security of Information Technology. The provision of information technology (IT) security in accordance with these policies and procedures, is required in all contracts that include IT resources or services in which a contractor must have physical or electronic access to NASA's sensitive information contained in unclassified systems that directly support the mission of the Agency. This includes information technology, hardware, software, and the management, operation, maintenance, programming, and system administration of computer systems, networks, and telecommunications systems. Examples of tasks that require security provisions include:

- (1) Computer control of spacecraft, satellites, or aircraft or their payloads;
- (2) Acquisition, transmission or analysis of data owned by NASA with significant replacement costs should the contractor's copy be corrupted; and
- (3) Access to NASA networks or computers at a level beyond that granted the general public, e.g. bypassing a firewall.

(b) The contractor must not use or redistribute any NASA information processed, stored, or transmitted by the contractor except as specified in the contract.

1804.470-3 Security plan for unclassified Federal Information Technology systems.

(a) The requiring activity with the concurrence of the Center Chief Information Officer (CIO), and the Center Information Technology (IT) Security Manager, must determine whether an IT Security Plan for unclassified information is required.

(b) IT security plans must demonstrate a thorough understanding of NPR 2810.1 and NPD 2810.1 and must include, as a minimum, the security measures and program safeguards planned to ensure that the information technology resources acquired and used by contractor and subcontractor personnel --

- (1) Are protected from unauthorized access, alteration, disclosure, or misuse of information processed, stored, or transmitted;
- (2) Can maintain the continuity of automated information support for NASA missions, programs, and functions;
- (3) Incorporate management, general, and application controls sufficient to provide cost-effective assurance of the systems' integrity and accuracy;
- (4) Have appropriate technical, personnel, administrative, environmental, and access safeguards;
- (5) Document and follow a virus protection program for all IT resources under its control; and
- (6) Document and follow a network intrusion detection and prevention program for all IT resources under its control.

(c) The contractor must be required to develop and maintain an IT System Security Plan, in accordance with NPR 2810.1, for systems for which the contractor has primary operational responsibility on behalf of NASA.

(d) The contracting officer must obtain the concurrence of the Center Chief of Security before granting any contractor requests for waiver of the screening requirement contained in the clause at 1852.204-76.

1804.470-4 Contract clauses.

PART 1835
RESEARCH AND DEVELOPMENT CONTRACTING

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PART 1835
RESEARCH AND DEVELOPMENT CONTRACTING

1835.003 Policy.

See NPR 5800.1, Grant and Cooperative Agreement Handbook, for policy regarding the use of grants and cooperative agreements.

1835.010 Scientific and technical reports.

(a)(i) *Final Reports.* Final reports must be furnished by contractors for all R&D contracts. The final report should summarize the results of the entire contract, including recommendations and conclusions based on the experience and results obtained. The final report should include tables, graphs, diagrams, curves, sketches, photographs, and drawings in sufficient detail to explain comprehensively the results achieved under the contract. The final report should comply with formatting and stylistic guidelines contained in NPR 2200.2, Requirements for Documentation, Approval, and Dissemination of NASA Scientific and Technical Information. Electronic formats for submission of reports should be used to the maximum extent practical. When reports are submitted electronically, the contracting officer should also request the submission of a paper copy of the report that could be used to validate items such as math and symbols that can be transposed due to font substitution or other electronic transmission problems. Information regarding appropriate electronic formats for final reports is available from center STI/Publications Managers or the NASA Center for AeroSpace Information (CASI) at <http://www.sti.nasa.gov> under “Publish STI – Electronic File Formats.”

(ii) In addition to the final report submitted to the contracting officer, the contractor shall concurrently provide CASI and the center STI/Publications Manager with a copy of the letter transmitting the final report to the contracting officer.

(iii) It is NASA policy to provide the widest practicable and appropriate dissemination of scientific and technical information (STI) derived from NASA activities, including that generated under NASA research and development contracts. One mechanism for disseminating NASA STI is through CASI. Before approving a final report delivered under a contract for inclusion in the CASI repository, NASA must complete a document availability authorization (DAA) review. The DAA review is intended to ensure that NASA disseminates NASA STI in a manner consistent with U.S. laws and regulations, federal information policy and publication

standards, intellectual property rights, technology transfer protection requirements, and budgetary and technological limitations. NASA Form 1676, NASA Scientific and Technical Document Availability Authorization (DAA), or a center-specific version of this form, is used to complete this review. The DAA review process applies to the publication and dissemination of NASA STI by NASA or under the direction of NASA. The final report, as delivered under the contract, must not be released outside of NASA until NASA's DAA review has been completed and the availability of the document has been determined by NASA.

(iv) *Additional reports of work.* In addition to the final report required by paragraph (a)(i) of this section, the contracting officer, in consultation with the program or project manager, should consider the desirability of requiring periodic reports and reports on the completion of significant units or phases of work for monitoring contract performance. Any additional reports must be included in the clause at 1852.235-74 as a contract deliverable. (See FAR 27.403.)

(v) Upon receipt of the final report, or any additional reports required by 1852.235-74 if included in the contract, the contracting officer shall forward the reports to the contracting officer's technical representative (COTR) for review and acceptance. The COTR shall ensure that the DAA review is initiated upon acceptance of the final report or any additional reports that NASA elects to publish or release outside of NASA or present at internal meetings at which foreign nationals may be present. Upon completion of the DAA review, the COTR shall ensure that the DAA-approved STI and the original approved DAA form are sent to the center STI/Publication Manager. The contractor should be advised of the final availability determination. These responsibilities should be included in the COTR Delegation, NASA Form 1634.

(b) The final report shall include a completed Report Documentation Page, Standard Form (SF) 298, as the final page of the report.

1835.011 Data.

(a) In addition to any reports required by 1835.010, the contracting officer shall specify what additional data, (type, quantity, and quality) is required under the contract, for example, presentations, journal articles, and seminar notes. (See FAR 27.403.)

1835.015 Contracts for research with educational institutions and nonprofit organizations.

(a)(1)(iv) The research contract shall include a requirement that the contractor obtain the contracting officer's approval when it plans to continue the research work during a continuous period in excess of 3 months without the participation of an approved principal investigator or project leader.

1835.016 Broad agency announcements.

(a)(i) The following forms of broad agency announcements (BAAs) are authorized for use:

(A) Announcements of Opportunity (see 1872).

(B) NASA Research Announcements (see 1835.016-71).

(C) Other forms of announcements approved by the Assistant Administrator for Procurement (Code HS).

(ii) Other program announcements, notices, and letters not authorized by paragraph (a)(i) of this section shall not be used to solicit proposals that may result in contracts.

(iii) Draft or final versions of any form of BAA that directly or substantially supports a program subject to NASA Procedures and Guidelines (NPR) 7120.5 shall not be released unless --

(A) All applicable NPR 7120.5 required documentation (see 1804.7301(b)(2)(i)) is current and has been approved (e.g., Formulation Authorization Document, Program Commitment Agreement, Program Plan, or Project Plan); or

(B) Authority to proceed without the required documentation has been granted by the Chair of the Governing Program Management Council or designee.

(c) BAAs may not preclude the participation of any offeror capable of satisfying the Government's needs unless a justification for other than full and open competition is approved under FAR 6.304.

1835.016-70 Foreign participation under broad agency announcements (BAAs).

(a) *Policy.*

(1) NASA seeks the broadest participation in response to broad agency announcements, including foreign proposals or proposals including foreign participation. NASA's policy is to conduct research with foreign entities on a cooperative, no-exchange-of-funds basis (see NPD 1360.2, Initiation and Development of International Cooperation in Space and Aeronautics Programs). NASA does not normally fund foreign research proposals or foreign research efforts that are part of U.S. research proposals. Rather, cooperative research efforts are implemented via international agreements between NASA and the sponsoring foreign agency or funding/sponsoring institution under which the parties agree to each bear the cost of discharging their respective responsibilities.

(2) In accordance with the National Space Transportation Policy, use of a non-U.S. manufactured launch vehicle is permitted only on a no-exchange-of-funds basis.

(3) NASA funding may not be used for subcontracted foreign research efforts. The direct purchase of supplies and/or services, which do not constitute research, from non-U.S. sources by U.S. award recipients is permitted.

(b) *Procedure.* When a foreign proposal or a U.S. proposal with foreign participation is received in response to a BAA, the NASA sponsoring office shall determine whether the proposal conforms to the no-exchange-of-funds policy in 1835.016-70(a).

(1) If the proposal conforms to the policy in 1835.016-70(a), the NASA sponsoring office shall evaluate the proposal and make selection in accordance with 1835.016-71(d). In conjunction with the notification of successful foreign proposers, the NASA sponsoring office shall notify the Headquarters Office of External Relations, Code I. Code I will negotiate the agreement with the sponsoring foreign agency or funding institution for the proposed participation.

(2) If the proposal does not conform to the policy in 1835.016-70(a), the NASA sponsoring office shall:

- (i) Determine whether the proposal merits further consideration;
- (ii) If further consideration is warranted, refer the proposal to Code I; and
- (iii) Complete the evaluation of the proposal. However no notification of selection, whether tentative or final, shall be made without Code I approval.

(3) Notification to Code I required by paragraphs (b)(1) and (b)(2)(ii) of this section, shall address the items contained in 1872.504(c), and shall be coordinated through the Office of Procurement, Code HS.

1835.016-71 NASA Research Announcements.

(a) *Scope.* An NRA is used to announce research interests in support of NASA's programs, and, after peer or scientific review using factors in the NRA, select proposals for funding. Unlike an RFP containing a statement of work or specification to which offerors are to respond, an NRA provides for the submission of competitive project ideas, conceived by the offerors, in one or more program areas of interest. An NRA shall not be used when the requirement is sufficiently defined to specify an end product or service.

(b) *Issuance.*

(1) Before issuance, each field-generated NRA shall be approved by the installation director or designee, with the concurrence of the procurement officer, and each Headquarters-generated NRA shall be approved by the cognizant Program Associate Administrator or designee, with the concurrence of the Headquarters Offices of General Counsel (Code GK) and Procurement (Code HS). In addition, the issuing office shall obtain input from the cognizant offices responsible for matters of safety and mission assurance, occupational health, environmental protection, information technology, export control, and security. Input shall also be obtained from the appropriate systems safety organization for NRA's that may involve potentially hazardous operations such as those related to flight and/or mission critical ground systems. The NRA approval authority shall designate the selection official.

(2) The selection official shall assure that the NRA is synopsized prior to issuance in accordance with FAR 5.201. The synopsis shall be brief, and the technical section describing the area of interest should not exceed 50 words.

(3) If a Headquarters-generated NRA may result in awards by a NASA field installation, the issuing office shall notify the installation procurement officer and provide a copy of the NRA.

(4) The selecting official is responsible for the preparation and distribution of the NRA.

(5) NRAs normally shall remain open for at least 90 days.

(c) *Content.* The NRA shall consist of the following sections and items. The entire package shall be provided in response to requests.

(1) *Cover.* The cover shall display:

(i) "OMB Approval Number 2700-0087" in the upper right corner.

(ii) Title.

(iii) "NASA Research Announcement Soliciting Research Proposals for the Period Ending _____".

(iv) NRA number.

(v) Official address for the office issuing the NRA.

(2) *Summary and Supplemental Information.*

(i) The Summary and Supplemental Information should not exceed two pages and shall include:

(A) Title and NRA number.

(B) The following statement concerning safety:

"Safety is the freedom from those conditions that can cause death, injury, occupational illness, damage to or loss of equipment or property, or damage to the environment. NASA's safety priority is to protect: (1) the public, (2) astronauts and pilots, (3) the NASA workforce (including employees working under NASA award instruments), and (4) high-value equipment and property.

(C) Introductory paragraphs describing the purpose of the NRA and the period for receipt of proposals.

(D) Address for submitting proposals.

(E) Number of copies required.

(F) Selecting official's title.

(G) Names, addresses, and telephone numbers for the technical and contracting points of contact.

(H) The following statement when the NRA is to be issued before funds are available:

"Funds are not currently available for awards under this NRA. The Government's obligation to make award(s) is contingent upon the availability of appropriated funds from which payment can be made and the receipt of proposals that NASA determines are acceptable for award under this NRA."

(ii) The Summary and Supplemental Information may include estimates of the amount of funds that will be available and the number of anticipated awards. A breakdown of the estimates by research area may also be shown.

(3) *Technical Description.* The first page shall contain the NRA number and title at the top. A brief description not exceeding two pages is preferable, but it should be detailed enough to enable ready comprehension of the research areas of interest. Specifications containing detailed statements of work should be avoided. Any program management information included must be limited to matters that are essential for proposal preparation.

(4) *Instructions for Responding to NASA Research Announcements.* The NRA shall contain instructions as stated in 1852.235-72 (see 1835.070(c)).

(d) *Receipt of proposals, evaluation, and selection.*

(1) Proposals shall be protected as provided in FAR 15.608, FAR 15.609, and 1815.609-70.

(2) Late proposals and modifications shall be treated in accordance with 1815.208.

(3) The selection decision shall be made following peer or scientific review of a proposal. Peer or scientific review shall involve evaluation by an in-house specialist, a specialist outside NASA, or both. Evaluation by specialists outside NASA shall be conducted subject to the conditions in 1815.207. After receipt of a proposal and before selection, scientific or engineering personnel shall communicate with an offeror only for the purpose of clarification (as defined in FAR 15.306), or to understand the meaning of some aspect of the proposal that is not clear, or to obtain confirmation or substantiation of a proposed approach, solution, or cost estimate.

(4) Competitive range determinations shall not be made, and final proposal revisions shall not be requested.

(5) Part of a proposal may be selected unless the offeror requests otherwise. In addition, changes to a selected proposal may be sought if (i) the ideas or other aspects of the proposal on which selection is based are contained in the proposal as originally submitted, and are not introduced by the changes; and (ii) the changes sought would not involve a material alteration to the requirements stated in the NRA. Changes that would affect a proposal's selection shall not be sought. When changes are desired, the selecting official may request revisions from the offeror or request the contracting officer to implement them during negotiations with the successful offeror(s). The changes shall not transfer information from one offeror's proposal to another offeror (see FAR 15.306(e)). When collaboration between offerors would improve proposed research programs, collaboration may be suggested to the offerors.

(6) The basis for selection of a proposal shall be documented in a selection statement applying the evaluation factors in the NRA. The selection statement represents the conclusions of the selecting official and must be self-contained. It shall not incorporate by reference the evaluations of the reviewers.

(7) The selecting official shall notify each offeror whose proposal was not selected for award and explain generally why the proposal was not selected. If requested, the selecting official shall arrange a debriefing under FAR 15.5, with the participation of a contracting officer.

(8) The selecting official shall forward to the contracting officer the following information:

(i) A copy of the NRA (This requirement may be waived in the case of a grant award at the discretion of the grant officer);

(ii) The results of the technical evaluation, including the total number of proposals received, the selection statement, and the listing of proposal(s) selected for funding (These requirements may be waived in the case of a grant award at the discretion of the grant officer if the purchase request specifically references the NRA number and states that the proposal forwarded for funding was selected under the NRA.);

(iii) A description of any changes desired in any offeror's statement of work, including the reasons for the changes and any effect on level of funding;

(iv) If a contract will be used to fund the proposal, a description of deliverables, including technical reports, and delivery dates, consistent with the requirements of the NRA;

(v) A procurement request;

(vi) Comments on the offeror's cost proposal (either the selecting official's comments, which may be based on the reviewers' comments, or copies of the reviewers' comments with any different conclusions of the selecting official); these comments shall address the need for and reasonableness of travel, computer time, materials, equipment, subcontracted items, publication costs, labor hours, labor mix, and other costs; and

(vii) A copy of the selected proposal as originally submitted, any revisions, and any correspondence from the successful offeror.

(9) The selecting official may provide to the contracting officer copies of the reviewers' evaluations. Reviewers' names and institutions may be omitted.

(10) The selecting official may provide each offeror whose proposal was selected for negotiation a notification stating:

(i) The proposal has been selected for negotiation;

(ii) The offeror's business office will be contacted by a contracting officer, who is the only official authorized to obligate the Government; and

(iii) Any costs incurred by the offeror in anticipation of an award are at the offeror's risk.

(e) *Award.* The contracting officer shall choose the appropriate award instrument. If a contract is selected, the contracting officer shall --

(1) Advise the offeror that the Government contemplates entering into negotiations; the type of contract contemplated; and the estimated award date, anticipated effort, and delivery schedule;

(2) Send the offeror a model contract, if necessary, including modifications contemplated in the offeror's statement of work, and request agreement or identification of any exceptions (the contract statement of work may summarize the proposed research, state that the research shall be conducted in accordance with certain technical sections of the proposal (which shall be identified by incorporating them into the contract by reference), and identify any changes to the proposed research);

(3) Request the offeror to complete and return certifications and representations and Standard Form 33, Solicitation, Offer, and Award, or other appropriate forms. If FAR 52.219-9, Small Business Subcontracting Plan, is required for the resultant contract, request the offeror to provide a subcontracting plan;

(4) Conduct negotiations in accordance with FAR Subparts 15.3 and 15.4, as applicable;

(5) Award a contract; and

(6) Comply with FAR Subparts 4.6 and 5.3 on contract reporting and synopses of contract awards.

(f) *Cancellation of an NRA.* When program changes, program funding, or any other reasons require cancellation of an NRA, the office issuing the NRA shall notify potential offerors by using the mailing list for the NRA.

1835.016-72 Foreign participation in NRA proposals.

Foreign proposals or U.S. proposals with foreign participation shall be treated in accordance with 1835.016-70. Additional guidelines applicable to foreign proposers are contained in the provision at 1852.235-72, Instructions for Responding to NASA Research Announcements.

1835.070 NASA contract clauses and solicitation provision.

(a) The contracting officer shall insert the clause at 1852.235-70, Center for AeroSpace Information, in all research and development contracts, and interagency agreements and cost-reimbursement supply contracts involving research and development work.

(b) The contracting officer shall insert the clause at 1852.235-71, Key Personnel and Facilities, in contracts when source selection has been substantially predicated upon the possession by a given offeror of special capabilities, as represented by key personnel or facilities.

(c) The contracting officer shall ensure that the provision at 1852.235-72, Instructions for Responding to NASA Research Announcements, is inserted in all NRAs. The instructions may be supplemented, but only to the minimum extent necessary.

(d) The contracting officer shall insert the clause at 1852.235-73, Final Scientific and Technical Reports, in all research and development contracts, and in interagency agreements and cost-reimbursement supply contracts involving research and development work.

(1) The contracting officer, after consultation with and concurrence of the program or project manager and the center Export Control Administrator, shall insert the clause with its Alternate I when the contract includes “fundamental research” as defined at 22 CFR 120.11(8) and no prior review of data, including the final report, produced during the performance of the contract is required for export control or national security purposes before the contractor may publish, release, or otherwise disseminate the data.

(2) The contracting officer, after consultation with and concurrence by the program or project manager and where necessary the center Export Control Administrator, shall insert the clause with its Alternate II, when prior review of all data produced during the performance of the contract is required before the contractor may publish, release, or otherwise disseminate the data. For example, when data produced during performance of the contract may be subject to export control, national security restrictions, or other restrictions designated by NASA; or, to the extent the contractor receives or is given access to data that includes restrictive markings, may include proprietary information of others.

(3) Except when Alternate II applies in accordance with paragraph (d)(2) of this section, the contracting officer shall insert the clause with its Alternate III in all SBIR and STTR contracts.

(e) The contracting officer shall insert a clause substantially the same as the clause at 1852.235-74, Additional Reports of Work -- Research and Development, in all research and development contracts, and in interagency agreements and cost-reimbursement supply contracts involving research and development work, when periodic reports, such as monthly or quarterly reports, or reports on the completion of significant units or phases of work are required for monitoring contract performance. The clause should be modified to reflect the reporting requirements of the contract and to indicate the timeframe for submission of the final report.

1835.071 NASA Research and Development (R&D) Contract Reporting.

The E-Government Act of 2002 (Public Law No. 107-347) mandated the development and maintenance of a repository that integrates information on R&D funded by the federal government. In support of that requirement, contracting officers shall insert in the description field on the text tab in the Contract Management Module (CMM) a 300-500 word summary of the statement of work for each contract award and new work award that is funded predominantly with R&D funds.